

1096-VQ-540 **Michelle DeDeo*** (mdedeo@unf.edu), 1425 Candy Ct., Saint Johns, FL 32259. *The Conundrum of Teaching Finite Mathematics*.

Finite mathematics is a course filled with disparate topics such as model building, matrices, linear programming and combinatorics. As mathematicians, we appreciate and see the beauty in each one of these topics. The purpose of the course is to give a survey of mathematical analysis and techniques used in the working world as well as giving students experiences with organizing information and then analyzing the information.

Students at many colleges and universities take the class for one and only reason: to get a passing grade in a mathematics class in order to graduate. Knowing this, we can guess that these students aren't "good at math." So the question is: how can we teach these students effectively and how much content can we hoist upon them before we lose them?

In this talk I explore a few areas where balancing content and substance may lead to a better student (and teacher!) experiences. (Received September 05, 2013)